

List of Articles (29 February 2016)

- 1 AIRE, C., et al  
Double-punch test of fiber-reinforced concrete : Effect of specimen origin and size.  
ACI Mater J 2015 Mar-Apr; 112(2): 199-208  
E3905-06.  
Control No. : 41128
- 2 AITCIN, P.C. and MINDESS, S.  
Back to the future : Concrete industry's use of very efficient admixtures prompts the revisiting aof C3A content and fineness in portland cement .  
Concr Int 2015 May; 37(5): 37-40  
E3905-06.  
Control No. : 41151
- 3 ANON  
Concrete Question and Answer.  
Concr Int 2015 March; 37(3)  
C3905-06.  
Control No. : 41145
- 4 ANON  
Concrete Question and Answer : Chipping Hammer weight limit .  
Concr Int 2015 April; 37(4): 76  
E3905-06.  
Control No. : 41149
- 5 ANON  
Concrete Question and Answer : Concrete splatter and minimum flexural reinforcement in mat foundation.  
Concr Int 2015 May; 37(5): 60-  
E3905-06.  
Control No. : 41153
- 6 ANON  
Graphic concrete Rejuvenates Semba Center Building in Osaka.  
Concr Int 2015 March; 37(3): 64-65  
E3905-06.  
Control No. : 41142
- 7 ANON  
Transit center construction stays on track : Wireless monitoring of concrete temperature provides reliable data

Concr Int 2015 February; 37(2): 58-  
E3905-06.  
Control No. : 41164

- 8 ASSAAD, J.J., et al  
Influence of thixotripy on performance of grouts placed  
using vacuum injection techniques.  
ACI Mater J 2015 Mar-Apr; 112(2): 189-98

\*\* - Keywords 1

E3905-06.  
Control No. : 41127

- 9 BALAMADESWARAN, P.  
Open pit to underground mine transition - no simple  
recipe.  
J Mine Metal Fuels 2015 January-February; 63(1&2): 10-16  
E3905-06.  
Control No. : 41155

- 10 BOTHSSANI, M. and SAMANI, M.  
Effect of type, size, and dosage of nanosilica and  
microsilica on properties of cement paste and mortar.  
ACI Mater J 2015 Mar-Apr; 112(2): 259-66  
E3905-06.  
Control No. : 41134

- 11 CARMONA-QUIROGA, P.M. and BLANCO-VARELA  
Use of barium carbonate to inhibit sulfate attack in  
cements.  
Cem Concr Res 2015 March; 69: 96-104  
E3905-06.  
Control No. : 41174

- 12 DALES, F.  
Modification of the rate of formation and surface area of  
ettringite by polycarboxylate either superplasticizers  
during early C3A-CaSO<sub>4</sub> hydration .  
Cem Concr Res 2015 March; 69: 105-13  
E3905-06.  
Control No. : 41175

- 13 DANNER, T, et al  
Phase changes during the early hydration of portland  
cement with Ca-lignosulfonates .  
Cem Concr Res 2015 March; 69: 50-60

E3905-06.  
Control No. : 41170

14 DE WINDT, L., et al  
Interactions between hydrated cement paste and organic acids : Thermodynamic data and speciation modeling .  
Cem Concr Res 2015 March; 69: 25-36  
E3905-06.  
Control No. : 41168

15 DENG, J., et al  
Durability performance of carbon fiber-reinforced polymer in repair/strengthening of concrete beams.  
ACI Mater J 2015 Mar-Apr; 112(2): 247-58  
E3905-06.  
Control No. : 41133

16 FINKEL, E.B.  
Top-down approach : Raising the roof and enhancing the floor slab adds volume and utility to existing warehouses  
Concr Int 2015 February; 37(2): 53-57  
E3905-06.

\*\* - Keywords 2

Control No. : 41163

17 Gautam, s., et al  
Role of meteorological parameter and pit geometry on particulate matter concentration in a surface mine.  
J Mine Metal fuels C1201 (2016) 2015 January-February; 63 (1&2): 17-26  
E3905-06.  
Control No. : 41156

18 GUANG, D., et al  
Experimental study on conductivity of hydraulic fracture in coal bed .  
J Mine Metal Fuel 2015 January-February; 63(3): 53-56  
E3905-06.  
Control No. : 41160

19 HALLAJI, M., et al  
Electrical resistance tomography to monitor unsaturated moisture flow in cementitious materials.  
Cem Concr Res 2015 March; 69: 10-18  
E3905-06.

Control No. : 41166

- 20 HALMEN, C. and SHAH, H.  
Controlled low-strength materials composed society of by-products.  
ACI Mater Jl 2015 Mar-Apr; 112(2): 239-46  
E3905-06.  
Control No. : 41132
- 21 HAMALATHA, T., et al  
Simplified mixture design for production of self-consolidating concrete.  
ACI Mater Jl 2015 Mar-Apr; 112(2): 277-86  
E3905-06.  
Control No. : 41136
- 22 HERRERA, R., et al  
Comparison of methods for determining carbonation depth in fly ash-blended cement mortars.  
ACI Mater Jl 2015 Mar-Apr; 112(2): 287-94  
E3905-06.  
Control No. : 41137
- 23 HICKS, J.K., et al  
Opportunities from alternative cementitious materials.  
Concr Int 2015 April; 37(4): 47-51  
E3905-06.  
Control No. : 41147
- 24 JAIN, P.K.  
Mineral exploration - present status and future outlook in India .  
J Mine Metal Fuels 2015 January-February; 63(1&2): 1-9  
E3905-06.  
Control No. : 41154

\*\* - Keywords 3

- 25 JAYAPALAN, A.R., et al  
Photocatalytic efficiency of cement-based materials :  
Demonstration of proposed test method.  
ACI Mater Jl 2015 Mar-Apr; 112(2): 219-28  
E3905-06.  
Control No. : 41130
- 26 KAZIKOWSKI, R.L. and SUPRENANT, B.A.

Controlling early-age cracking in mass concrete.  
Concr Int 2015 March; 37(3): 59-75  
E3905-06.  
Control No. : 41144

27 KIM, Y.J., et al  
In-place performance of severely deteriorated previous  
concrete : a case study.  
ACI Mater JI 2015 Mar-Apr; 112(2): 295-304  
E3905-06.  
Control No. : 41138

28 KUNTHER, W., et al  
Influence of the Ca/Si ratio of the C\_S\_H phase on the  
interaction with sulfate ions and its impact on the  
ettringite crystallization pressure .  
Cem Concr Res 2015 March; 69: 37-49  
E3905-06.  
Control No. : 41169

29 LAFOND, E., et al  
Investigation of the swelling behavior of cationic  
exchange resins saturated with Na<sup>+</sup> ions in a C3S paste .  
Cem Concr Res 2015 March; 69: 61-71  
E3905-06.  
Control No. : 41171

30 LAYSSI, H., et al  
Electrical resistivity of concrete.  
Concr Int 2015 May; 37(5): 41-  
E3905-06.  
Control No. : 41152

31 LEAL Da SILVA, W.R. and SMILAUER, V.  
Nomogram for maximum temperature of mass concrete.  
Concr Int 2015 May; 37(5): 30-36  
E3905-06.  
Control No. : 41150

32 LI, W., et al  
Experimental investigation on quantitative nanomechanical  
properties of cement paste .  
ACI Mater JI 2015 Mar-Apr; 112(2): 229-38  
E3905-06.  
Control No. : 41131

33 LIM, S., et al  
Effects of nanosilica addition on increased thermal  
stability of cement-based composite .

\*\* - Keywords 4

E3905-06.  
Control No. : 41139

34 LOUDIN, T.  
Grinding aid and dense phase success.  
World Cem 2015 January;: 67-70  
E3903-04.  
Control No. : 41125

35 MICHAEL ARPUTHARAJ, M.E., et al  
Continuous miner in Indian underground coal mining  
scenario.  
J Mine Metal Fuel 2015 January-February; 63(3)  
Control No. : 41159

36 MONDAL, S.K., et al  
Study athe effect of catalyst (Thermact-BF) on combustion  
behaviour of hard coke.  
J Mine Metal Fuel 2015 January-February; 63(1&2):  
27-31  
E3905.  
Control No. : 41157

37 MURPHY, T.  
Structural repair of concrete cracks.  
Concr Int 2015 April; 37(4): 52-58  
E3905-06.  
Control No. : 41148

38 OZYILDIRIM, C. and MORUZA, G.M.  
Using self-consolidating concrete for bridge repairs.  
Concr Int 2015 April; 37(4): 42-46  
E3905-06.  
Control No. : 41146

39 PAUL, S.C.  
Accoustic emission for characterising the crack  
propagation in strain-hardening cement-based composites  
(SHCC) .  
Cem Concr Res 2015 March; 69: 19-24  
E3905-06.  
Control No. : 41167

40 POWELL,C.L. and SCHIEFFER, B.  
Glen Elder Dam and Fort Randall Dam Spillway repairs :  
Work included the use of ghydrodemolotion and low-  
shrinkage concrete mixtures .  
Concr Int 2015 February; 37(2): 47-52  
E3905-06.  
Control No. : 41162

41 SAELDPOUR,M., et al  
Moisture equilibrium of cement based materials containin  
slag or silica fume and exposed to repeated sorption  
cycles .  
Cem Concr Res 2015 March; 69: 88-95  
E3905-06.  
Control No. : 41173

\*\* - Keywords 5

42 SAHU, P.,et al  
Emanation of radon in underground uranium mines - an  
overview .  
J Mine Metal Fuel 2015 January-February; 63(3): 45-49  
E3905-06.  
Control No. : 41158

43 SAKAI, K. and BUFFENBARGER, J.K.  
ACI concrete sustainability forum VII.  
Concr Int 2015 March; 37(3): 55-58  
E3905-06.  
Control No. : 41143

44 SEEGBRECHT, G.W.  
Reinforcing steel in pervious concrete .  
Concr Int 2015 March; 37(3): 49-63  
E3905-06.  
Control No. : 41141

45 SERPELL, R., et al  
Relative proportioning method for controlled low-strength  
material .  
ACI Mater J 2015 Mar-Apr; 112(2): 179-88  
E3905-06.  
Control No. : 41126

46 SHEARER, C.R and KURTIS, K.E..  
Use of biomass and co-fired fly ash in concrete.  
ACI Mater J 2015 Mar-Apr; 112(2): 209-18

E3905-06.  
Control No. : 41129

47 SINGH, R.P., et al  
Studies on temperature distribution and its effect on  
ventilation system during open fire in a mine gallery.  
J Mine Metal Fuel 2015 January-February; 63(3): 57-63  
E3905-06.  
Control No. : 41161

48 TAGNIT-HAMOU, A., et al  
Novel ultra-high-performance glass concrete .  
Concr Int 2015 March; 37(3): 41-48  
E3905.  
Control No. : 41140

49 TRAN, N.T., et al  
High rate response of ultra-high-performance fiber-  
reinforced concretes under direct tension.  
Cem Concr Res 2015 March; 69: 72-87  
E3905-06.  
Control No. : 41172

50 YUAN, J., et al  
Effect of slag cement on drying shrinkage of concrete.  
ACI Mater Jl 2015 Mar-Apr; 112(2): 267-76  
E3905-06.  
Control No. : 41135

\*\* - Keywords

6

51 ZHANG, Y. and KONG, X.  
Correlations of the dispersing capability of NSF and PCE  
types of superplasticizer and their impacts on cement  
hydration with the adsorption in fresh cement pastes.  
Cem Concr Res 2015 March; 69: 1-9  
E3905-06.  
Control No. : 41165



